

**Commonwealth of Kentucky
Division for Air Quality**

PERMIT APPLICATION SUMMARY FORM

Completed by: Brian Ballard

GENERAL INFORMATION:

Name:	Eastern Kentucky Correctional Complex
Address:	200 Road to Justice, West Liberty, KENTUCKY
Date application received:	December 17, 2003
SIC/Source description:	9223, Correctional
Source ID #:	21-175-00019
Source A.I. #:	3203
Activity #:	APE20040001
Permit number:	F-06-019

APPLICATION TYPE/PERMIT ACTIVITY:

<input checked="" type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input checked="" type="checkbox"/> Conditional major
__Administrative	<input type="checkbox"/> Title V
__Minor	<input type="checkbox"/> Synthetic minor
__Significant	<input type="checkbox"/> Operating
<input type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input checked="" type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input checked="" type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:001, 1(116)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☐ Certified by responsible official
- ☐ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

Pollutant	Actual (tpy)	Potential (tpy)	Allowable (tpy)
PM/PM ₁₀	6.12	37.94	N/A
SO ₂	3.03	20.05	N/A
NO _x	10.80	74.30	N/A
CO	12.35	84.10	N/A
VOC	3.07	16.56	N/A
Single HAPs			
Methanol (CAS # 67-56-1)	0.928	3.91	N/A
Dichloromethane (CAS # 75-09-2)	5.26	22.17	9.0
Source wide HAPs	6.26	26.38	22.5

SOURCE DESCRIPTION:

See Statement of Basis

EMISSIONS AND OPERATING CAPS DESCRIPTIONS:

Eastern Kentucky Correctional Complex will be subject to source wide emission caps of 9.0 tons per rolling twelve-month total for single Hazardous Air Pollutant (HAP) and 22.5 tons per rolling twelve-month total for combined HAPs. These emission caps will preclude applicability of 40 CFR 63.40 to 63.56 (Subpart B), “Requirements for Control Technology Determinations for Major Sources in Accordance with Clean Air Act Sections, Sections 112(g) and 112(j)”. The emission caps will also preclude applicability of 40 CFR 63.7480 to 63.7575 (Subpart DDDDD), “National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and Process Heaters”.